

## EE/CprE/SE 491 Weekly Report 2

2/9/19 – 2/15/19

Group number: sddec19-22

Project name: Vehicle-Operator Behavior Monitoring System

Client & Advisor: Andrew Guillemette & Daji Qiao

### Team Members/Roles:

Andrew Damon

Freya Gaynor

Skand Gupta

Sydney Ehlinger

### Weekly Summary

This week our main focus was gathering information on different aspects of the project and working on our project plan. During our weekly meeting, we showed our client and faculty advisor our progress to get feedback.

### Past Week Accomplishments

- Andrew Damon: Compiled a list of milestones for the project, created a Gantt chart for the project, and listed the projects functional and non-functional requirements.
- Freya Gaynor: Laid out document for project plan; assembled problem statement, operating environment, intended uses and users, assumptions and limitations, and acknowledgments; and started a document for better tasking out the project plan for distribution of work. Also did bio and picture for team images.
- Skand Gupta: Styled and published the team site. Bio and picture for about the team.
- Sydney Ehlinger: Finished up the use case diagram for the project plan. Started work on the block diagram, but need to know how the graduate students are hooking up the CAN network.

### Pending Issues

- Andrew Damon: None
- Freya Gaynor: None.
- Skand Gupta: None.
- Sydney Ehlinger: Need to find out how the graduate students are connecting the CAN network and how they have it set up so I can finish the block diagram. Need to find out too if our client is okay with having multiple servers, one for us and one for the graduate students.

### Individual Contributions

Name	Individual Contributions	Hours This Week	Hours Cumulative
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Andrew Damon	Milestones, Gantt Chart, Functional and Non-functional Requirements	4	4
Freya Gaynor	Document layout, a majority of introductory details, and tasking information. Bio & image for about the team area.	6	6
Skand Gupta	Styled and published the team site. Bio and picture for about the team.	4	4
Sydney Ehlinger	Worked on use case diagram and block diagram. Researched similar products on the market.	4	4

**Plans for the Upcoming Week**

- Andrew Damon: Finish the Gantt chart, revise the functional and non-functional requirements with help from Daji, and plan project deliverables.
- Freya Gaynor: Finish assembling the project plan for submission and reassess team roles as they did not correspond very well to our group dynamics. I'd also like to discuss the possibility of submitting the weekly status report on Saturdays/a week ahead of time since we meet on Saturdays.
- Skand Gupta:
- Sydney Ehlinger: Finish up block diagram, help on other aspects of the project plan to get it completed for Thursday (2/21)

**Summary of Weekly Advisor Meeting (if applicable/optional)**

Weekly advisor meeting (2/15)

In our weekly advisor meeting we discussed what we had been working on over the past week. We went over our use case diagram to see if there were any cases we missed. We also went over the project timeline and Gantt chart for a more detailed look at how the project would develop. Near the end, we went over our functional and nonfunctional requirements. This lead to how we should create an overall design of the project to show how everything works together. This design would help explain the project to potential customers while also ensuring that everything in the project makes sense in how it is set up.